



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Olszewski et al.**

Serial No.: 09/870,609

Filed: May 31, 2001

For: **Run Queue Optimization with
Hardware Multithreading for Affinity**

35525

PATENT TRADEMARK OFFICE
CUSTOMER NUMBER

§ Group Art Unit: 2127

§

§ Examiner: **Vo, Lilian**

§

§ Attorney Docket No.: **AUS920000844US1**

§

Certificate of Mailing Under 37 C.F.R. § 1.8(a)

I hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 13, 2004.

By:

Dell Whitton
Dell Whitton

TRANSMITTAL DOCUMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ENCLOSED HEREWITH:

- Copy of International Search Report;
- Information Disclosure Statement;
- Form PTO-1449;
- References AA-AE; and
- Our return postcard.

No fees are believed to be necessary. If, however, any fees are required, I authorize the Commissioner to charge these fees which may be required to Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to Deposit Account No. 09-0447.

Respectfully submitted,

Duke W. Yee
Duke W. Yee

Registration No. 34,285

CARSTENS, YEE & CAHOON, LLP

P.O. Box 802334

Dallas, Texas 75380

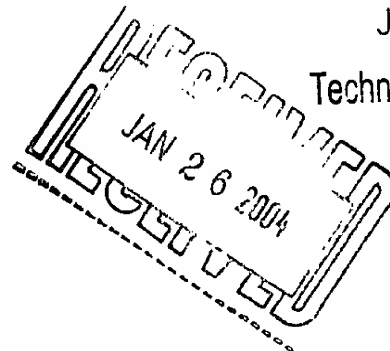
(972) 367-2001

ATTORNEY FOR APPLICANTS

RECEIVED

JAN 23 2004

Technology Center 2100





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of: **Olszewski et al.**

Serial No.: **09/870,609**

Filed: **May 31, 2001**

For: **Run Queue Optimization with
Hardware Multithreading for Affinity**

§
§ Group Art Unit: **2127**
§
§ Examiner: **Vo, Lilian**
§
§ Attorney Docket No.: **AUS920000844US1**
§
§

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTO-1449 be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. 1.97.

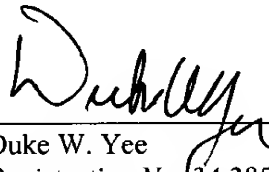
Please charge any fees necessary for prosecution of the present application to Deposit Account No. 09-0447. If any extension of time is required, such extension is hereby requested. Please charge any additional required fee for extension of time to Deposit Account No. 09-0447.

In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standards of materiality defined in 37 C.F.R. 1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. 1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

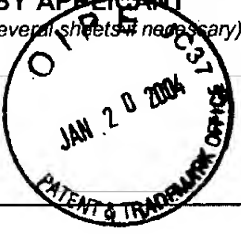
This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) before the mailing date of a first office action on the merits or each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. No fee is required.

Date: 11/2/04

Respectfully submitted,



Duke W. Yee
Registration No. 34,285
Carstens, Yee & Cahoon, L.L.P.
P.O. Box 802334
Dallas, Texas 75380
(972) 367-2001

Form PTO-1449 LIST OF PRIOR ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		ATTORNEY DOCKET NO. AUS920000844US1		SERIAL NO. 09/870,609	
		APPLICANT Olszewski et al.			
		FILING DATE May 31, 2001		GROUP ART UNIT 2127	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	INVENTOR NAME	CLASS/ SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	AA EP 0 827 071 A2	Mar. 4, 1998	Europe	G06F 9/38	X
OTHER PRIOR ART (including author, title, date, pertinent page, etc.)					
	AB	Lo et al., "Software-Directed Register Deallocation for Simultaneous Multithreaded Processors", IEEE Transactions on Parallel and Distributed Systems, Vol. 10, No. 9, Sept. 1999, pp. 922-933.			
	AC	Zilles et al., "The Use of Multithreading for Exception Handling", Proceedings of the 32nd Annual ACM/IEEE International Symposium on Microarchitecture. Haifa, Israel, Nov. 1999, Proceedings of the Annual ACM/IEEE International Symposium on Microarchitecture, Los Alamitos, CA, IEEE Comp. Soc, US, Nov. 1999, pp. 219-229.			
	AD	Wallace et al., "Threaded Multiple Path Execution", Computer Architecture, 1998, pp. 238-249.			
	AE	Farcy et al., "Improving Single-Process Performance with Multithreaded Processors", Proceedings of the 1996 International Conference on Supercomputing. Philadelphia, May 1996, pp. 350-357.			
RELATED PATENT APPLICATIONS					
EXAMINER INITIAL	APPLICATION NO/ ATTY. DOCKET NO.	APPLICANT	TITLE		FILING DATE
DATE CONSIDERED			EXAMINER		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					